

TITLE

Modified Polyacetals for Decorative Applications

ABSTRACT OF THE DISCLOSURE

5 A painted polyacetal article comprises a polyacetal substrate
comprising 90 – 99.5wt% polyacetal and 0.5 – 10wt% of semicrystalline or
amorphous thermoplastic non-polyacetal resin of molecular weight 1,000 –
50,000; and a paint applied to the polyacetal substrate from a solvent-
borne, water-borne or powder 1K paint system onto a surface of the
polyacetal substrate pretreated to enhance exposure of said
10 semicrystalline or amorphous thermoplastic non-polyacetal resin of the
substrate to the applied paint. The paint is a thermoplastic or partly
thermoplastic non-thermosetting paint. A layer of thermosetting paint or
varnish can be applied over the thermoplastic paint. The painted polyacetal
article has improved paint adhesion and good retained physico-mechanical
15 properties.